

# **STATOR, DYNAMOELECTRIC MACHINE, AND METHODS FOR FABRICATING SAME**

## **Abstract of Disclosure**

A dynamoelectric machine includes a stator having teeth fabricated from a non-magnetic material and containing at least one embedded conductor. The teeth are unitary with a back portion that is mounted to a stator back iron. Permeance variations induced by a stator winding mounted on the non-magnetic stator teeth are low which facilitates a reduction of motor noise. Specifically, since the non-magnetic teeth reduce production of permeance variations, changes in air gap forces between the rotor and the stator are decreased.

## Figures

Figure 1: A line graph showing the relationship between the concentration of a solution and its refractive index. The x-axis represents concentration in g/100 ml, ranging from 0 to 10. The y-axis represents refractive index, ranging from 1.00 to 1.05. The data points show a linear increase in refractive index with increasing concentration.